



MOULI PIRASHAD R
B.E. - Computer Science & Engineering
Ph: +91-9629883505
Email: mouli2110706@ssn.edu.in
Erode, Tamil Nadu, India - 638012



BRIEF SUMMARY

I am Mouli Pirashad, a third-year Computer Science Engineering student at SSN College of Engineering. Enthusiastic about algorithm development and software solutions with strong programming skills in C, Java, and Python. Completed several minor projects demonstrating practical application of programming languages. Actively engaged in studying Big Data technologies and Data Science, showcasing an eagerness to delve into emerging fields and expand technical horizons.

I am poised to contribute effectively within a team-oriented environment, passionate about fostering effective teamwork, advocating open dialogue, and collectively resolving challenges. An enthusiastic learner, adept at swiftly assimilating new concepts and translating them into practical applications.

KEY EXPERTISE

Python C Java Data Structures Object-Oriented Programming Big Data Data Science DBMS Algorithms
Computer Architecture SQL Data Cleaning Data Manipulation Team Management Teamwork Operating Systems

EDUCATION

Sri Sivasubramaniya Nadar College of Engineering 2021 - 2025
B.E. - Computer Science & Engineering | CGPA: 7.46 / 10.00

Sri Chaitanya Jr kalasala, Bachupally 2021
12th | TSBIE | Percentage: 95.60 / 100.00

Bharathi Vidya Bhavan Matric Higher Secondary School, Erode 2019
10th | TNBSE | Percentage: 92.60 / 100.00

Course Works - Key Courses Taken :

Problem solving and programming with Python
Fundamentals and Practice of Software Development(C language)
Foundations of Data Science
Data Structures with C
Object Oriented Programming with Java
Digital Principles and System Design
Design and Analysis of Algorithm with Python
Operating Systems
Computer Organization and Architecture
Database Management Systems

Labs :

Problem solving and programming with Python Lab
Fundamentals and Practice of Software Development(C language) Lab
Foundations of Data Science Lab
Data Structures with C Lab
Object Oriented Programming with Java Lab
Digital Principles and System Design Lab
Design and Analysis of Algorithm with Python Lab
Operating Systems Lab
Database Management Systems Lab

PROJECTS

Airline Ticket Booking System 06 Oct, 2022 - 25 Aug, 2023

Mentor: Dr.B.Bharathi | Team Size: 3

Key Skills: Java Java Swing Teamwork Testing

Engineered an Airline Ticket Booking System using Java, skillfully integrating Object-Oriented Programming (OOP) concepts for organized code architecture. Crafted a user-friendly interface utilizing Java Swing, enabling effortless flight browsing, booking, and administration. Demonstrated proficiency in Java, OOP design, and Java Swing for a polished and user-centric application.

Railway Management System with DBMS and Java Swing 17 Jan, 2023 - 12 May, 2023

Mentor: Dr.N.Sujaudeen | Team Size: 3

Key Skills: Java Swing DBMS Data Analytics Debugging Teamwork SQL

Designed and developed a Railway Management System integrating database management (DBMS) and Java Swing. Created an intuitive Java Swing interface for staff, enabling efficient train scheduling, ticketing, and staff management. Engineered robust database architecture to ensure data

integrity and implemented error-handling mechanisms. Improved operational efficiency and passenger experience, showcasing expertise in software development, DBMS, and user-centric design.

University Time Table Generator

04 May, 2022 - 16 Aug, 2022

Mentor: Dr.R.Kanchana | Team Size: 3

Key Skills: C Programming Teamwork File Handling Presentation Skills

I have meticulously engineered a dynamic University Time Table Generator using C, showcasing a robust command over programming intricacies. Devised an intelligent algorithm that judiciously allocated classes, faculty, and rooms, ensuring an optimized timetable while circumventing scheduling conflicts. Incorporated comprehensive user input validation and effective error handling mechanisms, guaranteeing the generation of accurate and coherent schedules. This project underscored my proficiency in C programming and algorithmic problem-solving, as well as my ability to create practical solutions for complex logistical challenges. The University Time Table Generator stands as a testament to my dedication to creating efficient and user-friendly software tools for real-world applications

Weather Forecasting Using Machine Learning and Data Analysis

04 May, 2022 - 16 Aug, 2022

Mentor: Mr.B.Senthil Kumar | Team Size: 2

Key Skills:

Data Processing Machine Learning Data Analysis Data Cleaning Data Extraction Data Manipulation Data Visualization Team Management

Developed an innovative Weather Forecasting system by integrating Machine Learning and Data Analysis techniques. Collected and preprocessed diverse weather data, ensuring data accuracy and consistency. Utilized Python's data manipulation tools for exploratory analysis, revealing valuable insights. Engineered meaningful features to enhance predictive models' accuracy. Employed machine learning algorithms to train models that effectively predicted weather conditions based on data. Demonstrated expertise in both machine learning and data analysis, while also showcasing an ability to merge technology and domain knowledge. This project highlights my proficiency in handling data-driven challenges and utilizing machine learning for practical applications, underscoring my commitment to driving innovation through technology.

CO-CURRICULAR ACTIVITIES

- Presentations

EXTRA CURRICULAR ACTIVITIES

- Swimming
- National Cadet Corps(NCC) - at School
- NSO volunteer - at College
- Quiz competitions

PERSONAL INTERESTS / HOBBIES

- Listening to Music
- Dance
- Gym
- Cooking

IMs

- WhatsApp - 9629883505

PERSONAL DETAILS

Gender: Male
Marital Status: Single
Current Address: 5,VIP Nagar, Therkupallam Road, Thindal, Erode, Erode, Tamil Nadu, India - 638012
Emails: mouli2110706@ssn.edu.in , moulipirashadr@gmail.com

Date of Birth: 12 Jan, 2004
Known Languages: Tamil (Native), English, Telugu, Spanish(Beginner)
Phone Numbers: +91-9629883505, +91-8825873247